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Uneeda Biscuit

teaches you many truths:

That soda crackers are the best of all food made from flour.

That Uneeda Biscuit are by far the best of all soda crackers.

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NATIONAL BISCUIT COMPANY

Feeding the Plant.

Weekly Agricultural Letter.

We must feed our plants. Missouri agriculture has reached that stage of development where it is necessary for us to feed our plants, just as we feed our animals. The time was when we had abundant range, that we scarcely considered it necessary to feed our farm stock. Until now our soils have been rich enough so there was no necessity for feeding our plants.

That this is a live issue with the Missouri farmer is evidenced by the fact that he paid this fall for commercial fertilizers, that is, for artificial plant food, over one third of a million dollars. The commercial fertilizer bill of the farmers of Pennsylvania is every year more than five million dollars, and increasing annually. This indicates what we are coming to.

Upon the rational feeding of the plants, or upon the rational handling of the soil, rests a permanently prosperous agriculture. An improper handling of our soil will in the end bring disaster.

A soil becomes poor or unproductive from a combination of causes, the chief ones being the removal of the plant food in the crops sold off, in the washing of the surface, and in the burning of the vegetable matter through continuous cultivation, so as to leave the soil heavy, clammy, and not resistant to drouths.

The three elements of plant food first exhausted, are: Nitrogen, costing from 15 cents to 20 cents a pound; Phosphorus, costing from 3 cents to 5 1-2 cents a pound; and Potash, costing from 4 1-2 cents to 5 cents a pound. These are the three elements which the farmer pays for when he buys commercial fertilizers.

Generally speaking, our upland soils are exhausted of their available nitrogen supply first, their available phosphoric acid supply second. Potash is the last element of the three to be exhausted on our clay soils, although in some of our light sandy lands this element is very early exhausted.

Nitrogen promotes rank growth of foliage and stalk, and gives the dark, rich, green color to crops. The land that grows this rank vegetation one season with another and produces an abundance of foliage is certain to contain plenty of available nitrogen. If the plants are usually small and somewhat pale in color, it is practically certain that there is a marked deficiency of nitrogen.


On the other hand, if the plants after growing rank and large are not well filled with grain one season with another, i. e., if there is too much straw for the grain in the wheat and the berry lacks plumpness and richness of color, it is very likely that phosphoric acid is deficient.

Land that has been in cultivation a long time, washed badly, bakes readily, and the crops suffer badly from drouth, needs more vegetable matter, and usually at the same time needs nitrogen and phosphorus, and on the light, ashy lands needs potash as well. But on the stiff clays it does not usually require an application of potash.

The way to get and apply these different ingredients to the best advantage will be covered in next week's issue of the DEMOCRAT. H. J. WATERS, Dean Agricultural College.


Draughon's Chain of 20 Colleges.

Elsewhere in this issue will be found an advertisement of Draughon's Practical Business College St. Louis, Kansas City, Ft. Scott and elsewhere, a chain of twenty colleges located in thirteen different states. Draughon's chain of Colleges has been established sixteen years ago with a capital stock of \$300,000. Sixteen bankers on Board of Directors. Colleges are strongly endorsed throughout the country. Read the advertisement. Write for catalogue before entering elsewhere. Address Draughon's Practical Business College at any of the places above.



FORTUNES IN FARMS IN THE SOUTHWEST.

There is still many chances for the Farmer that knows good Farm Land in Texas, Oklahoma, and Indian Territory. Join one of the Frisco Excursions and see for yourself. Excursion rates first and third Tuesday of each month. For further information write the General Passenger Agent, Frisco System, St. Louis, Mo.



A Chartered Institution of the highest grade. We confer degrees upon our graduates and give them a diploma that will be honored by any institution in America. Notes accepted for tuition. Positions guaranteed. Railroad fare paid from all points. Catalog free. Your name on 12 cards for 25c in stamps. We teach penmanship by mail. Telegraphy taught by an old operator.

S. H. STONE, President, McKinney, Texas.

Plumbing,

and all kinds of REPAIR WORK in connection with WATER WORKS SERVICE promptly and carefully attended to.

Will take contracts for complete jobs and finish the work to your satisfaction. Prices will be reasonable and the work expeditiously done. Office and shop at residence. Phone 183.

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THE GARLAND

Straight Line MOVEMENT. ROLLER BEARINGS.

NO CUMULATIVE PIN. **NO LUBRICANTS.**

Speed of stroke the same from start to finish. Has more good points than any other.

OUR STEEL TO WHEELS are double-braced both horizontally and diagonally.

Galvanized Steel Drivings, Wood Tanks, Water Tanks, Galvanized Steel Flag Sticks, Pipes and Supplies, Grind Grinders, Steel Tanks.

Write for Catalogue No. 20. Mention this paper.

VALLEY WIND ENGINE & IRON CO. 217 South St. Bay City, Mich.



THE EAGLE

Why rub your clothes to pieces, and your life away over an old Washboard? When you get a new Eagle Ball-Bearing Washing Machine you will make washday a pleasure.

The tub of our "Eagle" machine is so constructed that it revolves over 18 steel balls, making it strictly ball-bearing, there are also situated two coil springs which give the reaction to the tub every time the pin wheel revolves.

Will wash any garment clean without boiling, without rubbing, without the least wear and tear, nothing but soap and water.

It washes the finest fabrics without breaking a thread, and will wash a carpet with ease.

SEND FOR COMPLETE CATALOGUE OF TWENTY-ONE OTHER STYLES.

AGENTS WANTED EVERYWHERE.

Good Luck, \$1.95

Think of a first-class Washing Machine for \$2.00 when you are wearing your life away.

The DEEMER MANUFACTURING CO., Chicago, Illinois.

RIDER AGENTS WANTED

No Money Required

until you receive and approve of your bicycle.

We ship to anyone on **Ten Days Free Trial**

Finest guaranteed **1905 Models \$10 to \$24**

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equipment, sundries and sporting goods of all kinds, at half regular price. In our big free Sundry Catalogue. Contains a world of useful information. Write for it.

PUNCTURE-PROOF TIRES \$4.75

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To introduce we will sell you a Sample Pair for Only **\$4.75**

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HEAD CYCLE CO., Dept. "J.L." CHICAGO, ILL.

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A Safe, Certain, Quick, and Painless Remedy for all kinds of Female Complaints. Sold by all Druggists. Price 25c per box. Write for full particulars.

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A Safe, Certain, Quick, and Painless Remedy for all kinds of Piles. Sold by all Druggists. Price 25c per box. Write for full particulars.

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Surgery a Specialty.
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OFFICE IN NEAL BUILDING.
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All kinds of Legal papers and all business entrusted to me promptly executed.

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Funeral Director and
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Caskets, Coffins and all kinds of funeral supplies constantly on hand. Prompt attention given to all calls, night or day. Phone Central.

Hog Cholera Cure.

We will send one package of our Hog cholera cure sufficient to prevent or cure fifty hogs, for five dollars cash. This cure is highly endorsed by all who have used it. Not a single case has it failed upon. In order to get this it will be necessary to send in your order some time in advance, as the demand is great, the ingredients used are expensive, and have to be purchased in large quantities. Address all communications and make all moneys payable to

SETTLER & Co., Sole Mfrs., Box 154, Walla Walla, Wash.

Hicks Almanac for 1906.

The Rev. I. R. Hicks Almanac will not be published for 1906, but his monthly journal, Word and Works, has been changed into a large and costly magazine, and it will contain his storm and weather forecasts and other astronomical features complete. The November number, now ready, contains the forecasts from January to June, 1906. The January number, ready December 20, will contain the forecasts from July to December, 1906. The price of this splendid magazine is one dollar a year. See it and you will have it. The November and January numbers containing the Rev. I. R. Hicks forecasts for the whole year, and more complete than ever, can be had by sending at once 25 cents to Word and Works Publishing Company, 2201 Locust street, St. Louis, Mo.

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For full particulars regarding any of our schools write direct to our executive office at Chicago, Ill. —(Quadrangle Time)

Morse School of Telegraphy.
Chicago, Ill.
J. A. Smith, President.

The Democrat.

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All locals and advertisements that are not inserted for a certain length of time will be run until ordered out.

I. M. ROUTE TIME CARD.

DONIPHAN BRANCH.

420 leaves at 8 a. m.
428 leaves at 11:30 a. m.
427 arrives at 10:50 a. m.
423 arrives at 4:45 p. m.

No. 4, north bound, leaves Neelyville at 1:01 p. m. and arrives at St. Louis at 7:30 p. m.

No. 420 makes connection with south bound train, a. m.

Tickets for all points on sale.

Mail Closing.

All R. R. mails close fifteen minutes before saving time of trains.

OTIS GARY, P. M.

There is more catarrh in this section of the country than all other diseases put together, and until the last few years was supposed to be incurable. For a great many years doctors pronounced it a local disease and prescribed local remedies, and by constantly failing to cure with local treatment, pronounced it incurable. Science has proven catarrh to be a constitutional disease and therefore requires constitutional treatment. Hall's Catarrh Cure, manufactured by J. F. Cheney & Co., Toledo, Ohio, is the only constitutional remedy on the market. It is taken internally in doses from 10 drops to a teaspoonful. It acts directly on the blood and mucous surfaces of the system. They offer one hundred dollars for any case it fails to cure. Send for circulars and testimonials.

F. J. CHENEY & CO., Toledo, O. Sold by Druggists, 75c.

Take Hall's Family Pills for constipation.

[Continued from First Page.]

having symptoms of the disease from which their mother died. Dr. Hyde, county physician, pronounced it smallpox. Miss Rivulet Lovan, oldest daughter, was stricken and died Sunday night. George Gregg, uncle of Miss Lovan, died. Rev. A. J. Bridgewater, recently pastor of the Baptist church, is also dead. There are about 10 cases. The family of M. S. Lovan, two miles east of town, is stricken. Miss Lovan was one of the teachers in the Birch Tree public school. Dr. Powell, of the state board of health, visited Birch Tree recently.

The wife of R. M. Jones, a huckster, residing at Whiting, this county, was found dead in the door of the kitchen at her home last Sunday at about 1 o'clock a. m. Mrs. Jones had been in failing health but was a hard worker, and on the evening previous to her death had some ironing to do and did not retire to bed with the family at the usual hour, but remained in the kitchen to finish the task. At the hour above mentioned Mr. Jones was awakened by the cries of their baby, and on going to the bed found the mother absent. Investigation resulted in the discovery already mentioned. The body was cold and it is presumed she had died shortly after bidding the family good night. Dr. W. P. Howle, coroner, of this city, went down Sunday morning and held an inquest. The jury's verdict was "death by heart failure."—Charleston Courier.

A sawmill man by the name of Keiffer working for Ashby Bros. on Bowden Ridge, killed a very large catamount on Tuesday evening. It is thought that several of the vicious animals in habit that neighborhood, as farmers are missing pigs, calves and sheep quite often. * * * Frank Freeman, of Hunterville, made a gun play on the Cat passenger Friday evening between here and Sikeston, and was about to shoot the conductor and auditor. Deputy Sheriff Frank disarmed him and placed him under arrest at Sikeston, where he was fined \$75 and cost—\$87.30 in all. His father dug up the coin. * * * A stranger drifted into Bird's Mill a few days ago. He was an old soldier, and as his pension was nearly due, concluded he would remain until it reached him. Monday night he died. As he was in failing health no inquest was held, and he was buried at the expense of the county. His name and any other information outside of the above are unknown.—Charleston Courier.

"Too often, I fear," says A. Ross Hill, dean of the Missouri Teachers College, "the farmer boy who is fortunate enough to get into a high school, is likely to find that the subjects taught have little relation to his interests and needs, unless he has decided to abandon the farm and prepare himself for some profession like law or medicine. In fact, four years spent in a high school as courses are usually arranged, may wean the boy away from the farm even if at the outset he entered simply with the view of increasing his intelligence and preparing himself in a general way for any kind of life work. This defect in present courses of study in the high schools can best be remedied by the introduction of courses in agriculture, horticulture and manual training, and by making them solid courses in the hands of a teacher, who, in addition to good general scholarship, possesses a sound knowledge of the science of agriculture, or is himself proficient in the use of tools. Such courses could include the study of soils, of plant growth, horticulture, climatology and like subjects. These courses, besides containing much of scientific value, would naturally lead pupils to an interest in related subjects that are already recognized in most high schools, such as botany, chemistry and physical geography. Better general scholarship could thus be secured, while the boy would retain his interest in and sympathy with farm life. It is high time for us to put some reason and common sense into our courses of study both in the grades and in the high school, instead of unconsciously and blindly following tradition, for some of the work now done has no other justification."